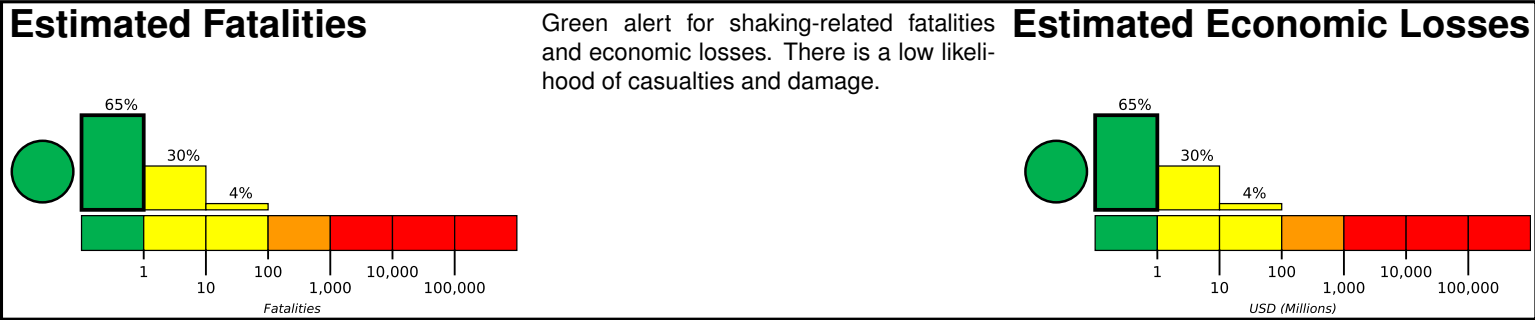


M 5.4, 68 km NW of Kurumkan, Russia

Origin Time: 2024-01-15 12:52:26 UTC (Mon 20:52:26 local)
Location: 54.8091° N 109.6514° E Depth: 10.0 km

PAGER Version 2

Created: 2 hours, 4 minutes after earthquake

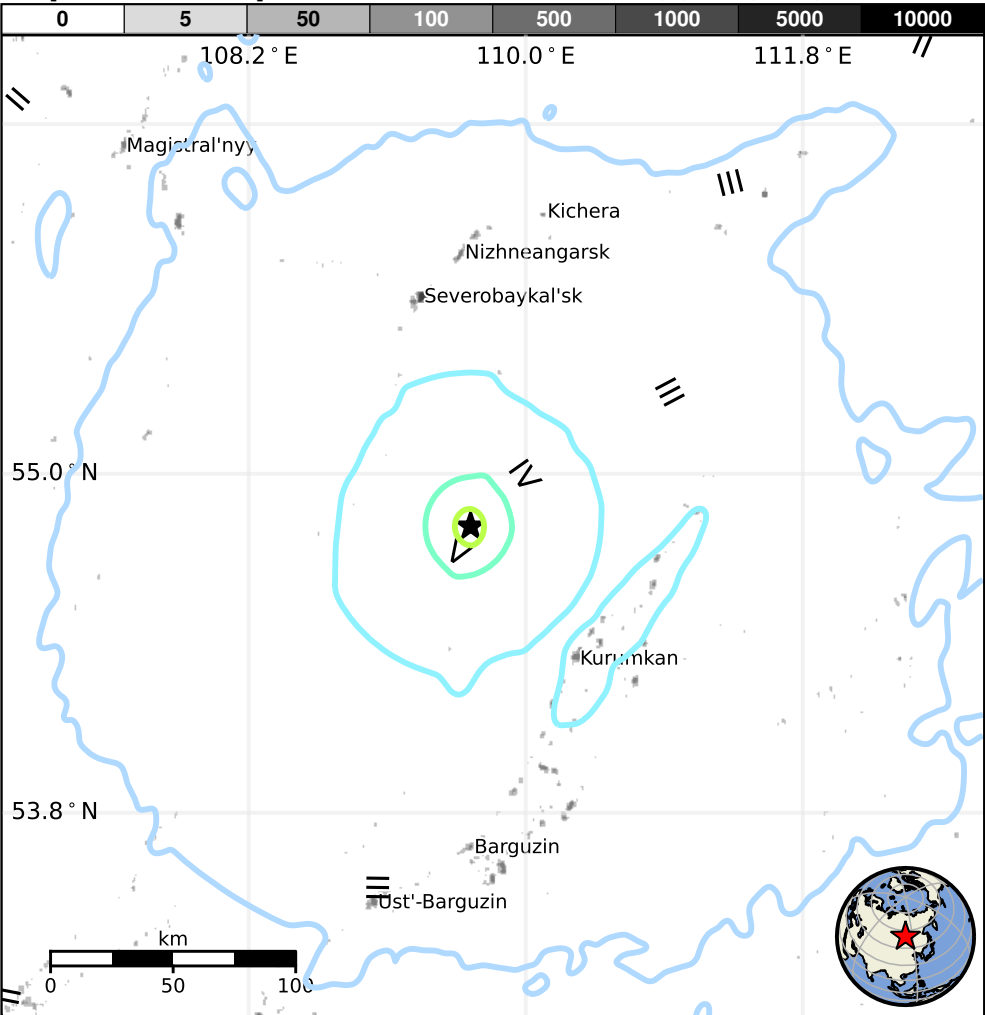


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	92k	13k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-10-26	149	5.2	V(4k)	—
1995-11-13	341	5.8	VI(2k)	—
2003-09-16	177	5.6	VII(22k)	—

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Kurumkan	6k
III	Severobaykal'sk	26k
III	Ust'-Barguzin	7k
III	Kichera	2k
III	Barguzin	6k
III	Nizhneangarsk	5k
III	Novyy Uoyan	4k
II	Kazachinskoye	3k
II	Khuzhir	1k
II	Magistral'nyy	8k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000m3sa#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000m3sa